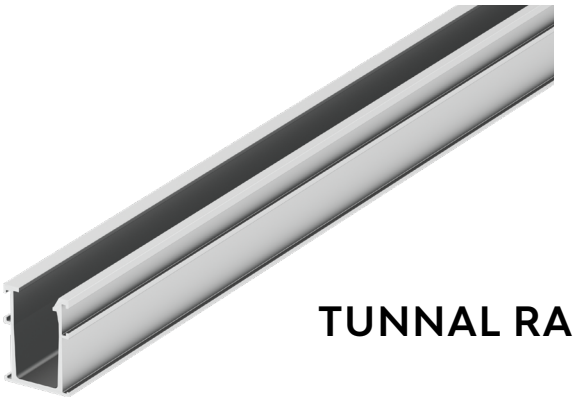
RUNNUR

ENERGY & INFORMATION CONNECTED

CABLE TRAY SYSTEMS

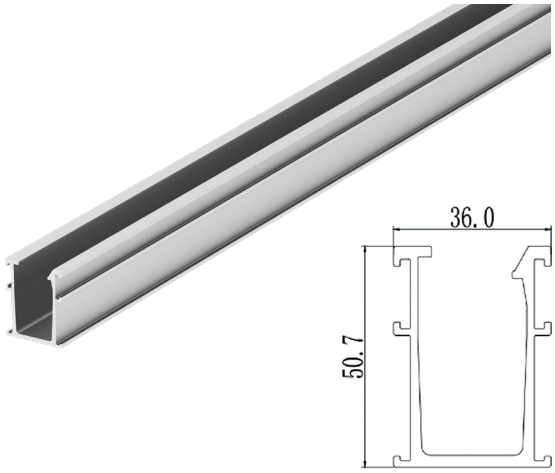
INSTALLATION GUIDE



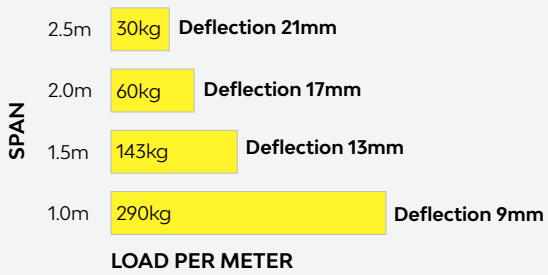
TUNNAL RAIL TRAY

Ver 1.1 Last Updated Nov / 2023

Tunnal Rail Tray



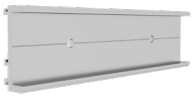
Load Rating and Deflection



Note:
Supplied in 4.6 m length.

Accessories

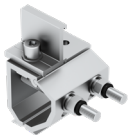
SCO-ECO/380
TUNNAL Rail Tray Cover, 380 mm



ER-SP-ECO
Splice Plate

ER-I-05A/EZC/ECO
Tin Interface A with ezClick connection

ER-I-05A/EZC/MAX
Tin Interface A with ezClick connection and double chambers



ER-I-34/CRC
Brooklyn Klip-lok Interface pre-assembly with Cross Connector Clamp

Storage

TUNNAL rail tray can be stored outside, but should be loosely stacked, elevated off the ground, and placed in a well-ventilated dry location. If appearance is important, cable tray should be stored indoors or under cover to prevent water or other foreign materials staining.

Installation Method

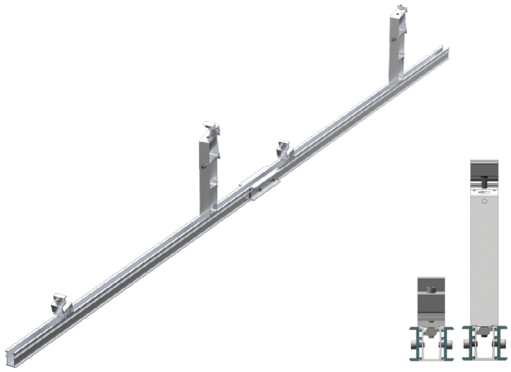
Assembly with L feet and one set of splice*

Assembly with L feet and two sets of splice*

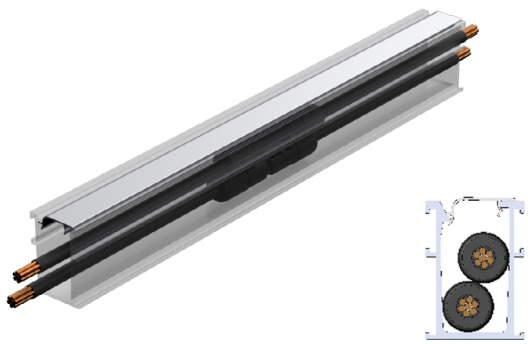
Assembly with Brooklyn Klip-lok bracket and CRC and one set of splice*

Assembly with Brooklyn Klip-lok bracket and CRC and two sets of splice*

Assembly with ComT 2.0*



DC cables and connectors in TUNNAL Rail Tray



*Please refer to engineering certificate letter when using for rail for PV mounting system.

@runnurcabletrays @Clenergy @runnur
T: 03 9239 8088 | E: sales@clenergy.com.au | W: www.runnur.com.au

MW Engineering Melbourne

CIVIL & STRUCTURAL ENGINEERS
RESIDENTIAL - INDUSTRIAL - COMMERCIAL - PRODUCT DEVELOPMENT
info@mwengineering.melbourne
Phone: 1300 MWENG-0 (1300 69364-0)
www.mwengineering.melbourne
ABN 37 605 815 585

Clenergy Australia
1/10 Duerdin Street
Clayton, VIC 3168

13 / 09 /2023

ACCESORIES CERTIFICATION LETTER

For the introduction of these new accessories, we have created reduction and increment factors for each COMPONENT in our PV-ezRack product range. These factors have been carefully crafted to cover most of the possible scenarios that you may encounter during a solar installation.

MW Engineering Melbourne, being Structural Engineers within the meaning of Australian regulations, have calculated the below factors to be applied to spacing tables for the PV ez-Rack range for the following conditions:

Rail	Component	WR A	WR B1	WR B2	WR C	WR D
Eco Rail	Double L-Feet	0%	0%	0%	4%	10%
Tunnal rail	Single L-feet (single splice)	5%	4%	4%	0%	0%
Tunnal rail	Single L-feet (double splice)	9%	8%	7%	0%	0%
Tunnal rail	Double L-feet (single splice)	5%	4%	4%	6%	12%
Tunnal rail	Double L-feet (double splice)	9%	8%	7%	8%	17%

The certificates spacing tables can be used with the above increment factors:

- CL-088-S Tin and Tile Interface spacing tables
- CL-343-S Klip-lok Flush Interface spacing tables
- CL-406-S Klip-lok Tilt Interface spacing tables
- CL-530-S Penetrative tilt Interface spacing tables
- CL- 563-S Adjustable Tile Interface spacing tables
- CL-619-S Commercial tilt interface spacing tables
- CL-620-S Klip-lok Commercial Tilt V2.0 Spacing Tables
- CL-693-S Tin and Tile Interface spacing tables -V500 years
- CL-1056-Y Commercial Klip-lok
- CL-1066-Y Commercial penetrative

The values shown on this table will be valid unless an amendment is issued on any of the following codes:

- **AS/NZS 1170.0- 2002 AMDT 4-2016** **General Principles**
- **AS/NZS 1170.1- 2002 AMDT 4-2016** **Imposed Loadings**
- **AS/NZS 1170.2- 2021** **Wind Loadings**
- **AS/NZS 1664.1- 1997 AMDT 1:1999** **Aluminium Code**

Should you have any queries, do not hesitate to contact us.

Best Regards,

Alberto Escobar
Civil/Structural Engineer
BEng MIEAust NER
PE 0003615 RPEQ 18759 BDC 3134 BPB (NT) 262228ES BSP (TAS)
845530344
info@mwengineering.melbourne